+90 539 101 38 03 · 24/7 Breakdown Line
info@jutekglobal.com
www.jutekglobal.com

CAT GC SERIES · 50 Hz · DIESEL GENERATOR SET

Cat DE450 GC 450 kVA



Image is representative.

450 kVA
Standby power

360 kW
0.8 power factor

Cat C13
Engine

2,904 kg
Dry weight (max.)

High-output standby power for hotels, hospitals, shopping centres, factories and large construction sites; suitable for synchronised systems.

Quotes: +90 539 101 38 03 · info@jutekglobal.com

Generator set

Power (standby)	**450 kVA / 360 kW**
Frequency / speed	**50 Hz / 1500 rpm**
Voltage	**380 – 415 V**
Phase / power factor	**3-phase / 0.8 pf**
Control panel	**GCCP 1.1**
Alternator	**A-Frame standard alternator**
Emissions	**Low fuel consumption (low BSFC)**
Ambient temperature	**Up to 55 °C**

Engine

Engine	**Cat® C13**
Configuration	**In-line 6-cylinder, 4-stroke diesel**
Bore x stroke	**130 x 157 mm**
Displacement	**12.5 L**
Compression ratio	**15.8:1**
Aspiration	**Turbo, air-to-air aftercooled**
Fuel system	**Electronic unit injector (EUI)**
Governor	**Electronic – ADEM™ A4**

Dimensions and weight (max.)

Length	**3,100 mm**
Width	**1,338 mm**
Height	**2,129 mm**
Dry weight	**2,904 kg**

Standard equipment

- GCCP 1.1 generator control panel
- Cat electronic governor (ADEM™ A4)
- A-Frame standard alternator
- Single-wall 8-hour fuel tank
- Skid-mounted radiator with guarded fan
- 3-pole circuit breaker
- 24 V battery, rack and cables
- Dry-type air cleaner
- Fuel filters with water separator
- Vibration isolators
- Caterpillar yellow paint
- Cat® Product Link™ remote monitoring

Optional equipment and JUTEK solutions

- Cat GC sound-attenuated enclosure
- Industrial / critical grade silencer
- 4-pole circuit breaker
- Battery charger
- Alternator anti-condensation heater
- PMG (permanent magnet) excitation
- Emergency stop button
- Double-wall fuel tank
- Fuel tank with spill containment
- CE / EAC / GCC certification
- ATS transfer panel (JUTEK)
- Synchronising panel (JUTEK)

Technical data is based on Caterpillar publications, is for information only, may vary with configuration and is confirmed at quotation. kW values at 0.8 power factor. Images are representative. Cat® and Caterpillar® are registered trademarks of Caterpillar Inc.